

Dimethyl ether
115-10-6 | DTXSID8026937

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.85	1.14	0.85	1.12	0.83	1.23

Model Results

Predicted value: $3.88\text{e-}12$ cm³/molecule*sec

Global applicability domain: Inside

Local applicability domain index: $5.90\text{e-}01$

Confidence level: $5.37\text{e-}01$

Nearest Neighbors from the Training Set

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Dimethyl ether

Measured: $2.98\text{e-}12$

Predicted: $3.88\text{e-}12$

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1,3-Propylene oxide

Measured: $1.03\text{e-}11$

Predicted: $6.49\text{e-}12$

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Methane, selenobis-

Measured: $6.78\text{e-}11$

Predicted: $2.01\text{e-}11$

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1,2-Propylene oxide

Measured: $5.20\text{e-}13$

Predicted: $2.37\text{e-}12$

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Dimethyl sulfide

Measured: $4.82\text{e-}12$

Predicted: $1.05\text{e-}11$